

# SOMATOM Drive Dual Source CT Scanner - “Redefining Comfort and Efficiency”



Experience unparalleled ease and comfort with the latest SOMATOM Drive Dual Source CT Scanner by Siemens Healthineers. This state-of-the-art machine builds upon its predecessors, ensuring high-quality patient care and setting new standards in imaging excellence.

## How Does Dual Source CT work?

Dual Source CT utilizes two X-ray sources and detectors to simultaneously acquire images at different energy levels. This improves imaging speed and reduces motion artifacts for clearer and more detailed scans.

## Dual Source CT allows you to

- Scan without breath-hold and at lower doses
- Scan without sedation whilst maintaining low dose levels
- Scan at virtually any heart rate, without additional preparation methods
- Patient friendly both for pediatric and geriatric

## Unlocking Enhanced Diagnostic Support: Dual Source CT Benefits

Pediatric Imaging, Urgent care , Lung Imaging , Cardio Vascular Imaging, Orthopedics, Bariatric Imaging

### Precision in the imaging chain

SOMATOM Drive allows you to achieve clinical excellence without filtering your patients, to run your workflows regardless of your environment, and to keep your business focussed on the future. It offers the most original and most targeted imaging-chain innovations in its class.

- Unmatched Dual Source technology
- Powerful and accurate Straton® MX Sigma X-ray tubes and generators
- Highest level of detector integration with Stellar<sup>infinity</sup> detectors boosted by integrated IR
- Unique Siemens Healthineers' Tin Filter technology

### Technical specifications

**Key data**

Detectors	..... Stellar <sup>infinity</sup> detectors
Max. scan speed	..... 458 mm/s
In-plane temp.-res	..... 75 ms
Rotation coverage	..... 131 mm/rot
kV steps	..... 70 – 140 kV @ 10 kV Steps
mA@ 70 kV, 80 kV	..... 650 mA, 750 mA
Spatial resolution	..... 0.30 mm
Max. table load	..... 307 kg / 676 lbs <sup>3</sup>
Gantry opening	..... 78 cm
Generator power	..... 200 kW (2 x 100 kW)
Slice acquisition	..... 2 x 128

Experience the pinnacle of imaging excellence and diagnostic precision with the SOMATOM Drive Dual Source CT Scanner, showcasing Siemens Healthineers' commitment to cutting-edge healthcare technology.

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